WBS 2.0 Civil

		MSU	Cost	MSU
	Description	Sq. Ft.	Sq. Ft.	\$M
1	Site	•		\$11.7
2	Support, Lab/Shop	60,000	\$196	\$11.8
3	Driver			
	Tunnel	36,800	\$326	\$12.0
11	Klystron Building			
	Linac BSY			-
4	Target Facilities	41,500	\$379	\$15.7
5	ISOL Facility			
	Fragment Seperator	11,700	\$580	\$6.8
	High Bay	63,400	\$237	\$15.0
6	High Energy Facility			
	Fragment Seperator	8,500	\$580	\$4.9
	High Bay	54,000		· · · · · · · · · · · · · · · · · · ·
7	Cryogenic Building(s)	9,100	\$432	\$3.9
	Totals	329,100		\$105.4
	Contingency - 20%			\$126.5

Item	Unit	ပိ	Cost/Unit	Description	Item Cost Total Cost	Total	Cost
Site Preparation	Acre	(A)	90,000.00	Extensive clear and grub, demolition	6.00	69	540.000.00
Car Parking	Ncars	w	3,000.00	90 degree, 4" bitum paving, 8" gravel base	200	10000	1,500,000.00
Roadway	LF Road	S	200.00	8" Asphalt, 24' wide	1000	69	200,000.00
Sidewalks	LF Sidewall	w	13.20	4" conc paving, 4" gravel, 4' width	2301	60	30,373.20
Site Development	Acre	w	6,000.00	Average site development	2.71	69	16,260.00
-andscaping	ST	w	410,000.00	410,000.00 Average: topsoil, sod, some trees/shrubs		69	410,000.00
Fence	LF	69	60.00	Chain link vinyl fence & gate ??	3000	69	180,000.00
Water Supply & Dist	LF Utilities	(A)	36.00	8" ductile iron class 250, excav & backfill	3600	69	129,600.00
Water Supply & Dist	LF Utilities	co	32.00	32.00 6" fire loop, 3 hydrants	1200	S	38,400.00
Nater Supply & Dist	LS	ω	30,000.00	30,000.00 Water treatment ??	-	60	30,000.00
Storm Drainage Syst	LF Utilities	ω	20.00	50.00 15" clay	1000	S	50,000.00
Sanitary Sewer system	LF Utilities	es.	150.00	150.00 18" concrete pipe, tie to existing line at	7920	S	1,188,000.00
Elect. & Communications	LF Distribution	69	200.00	Elect. & communication ductbank & man	1000	63	200,000.00
Gas Dist. System	LF Utilities	w	35.00	4" steel	1000	49	35,000.00
Electric Dist System	LF Utilities	S	70.00	Underground elect, cable on site	1000	69	70,000.00
Telephone Dist Sys	rs	69	5,000.00	Telephone support	-	69	5.000.00
Site Lighting Syst	SF Lighting	w	0.70	5 fc.20' high, high press sod 400 w fix, incl.	100000	69	70,000.00
Elect. Dist. To Site	LF Distribution	(A)	7,000,000.00			w	7,000,000.00
						69	11,692,633.20